

Figure 1.

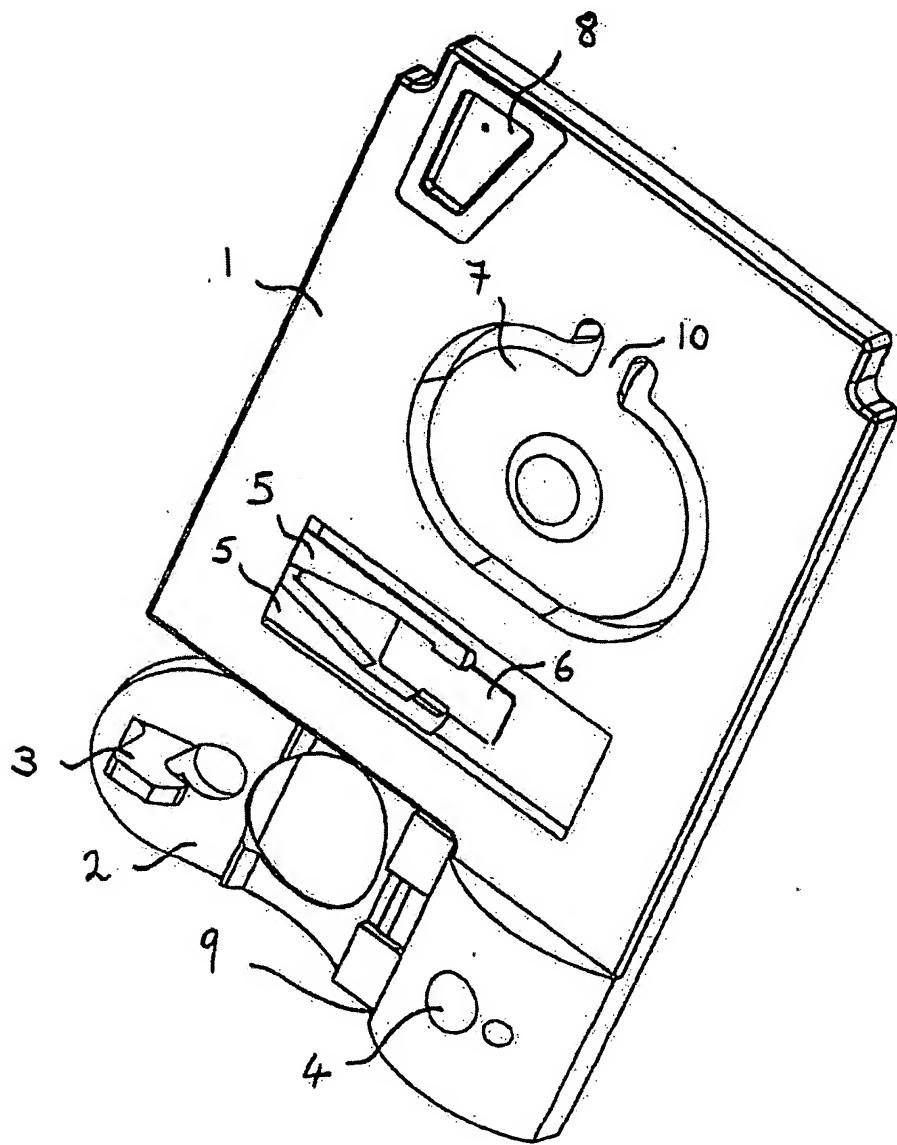
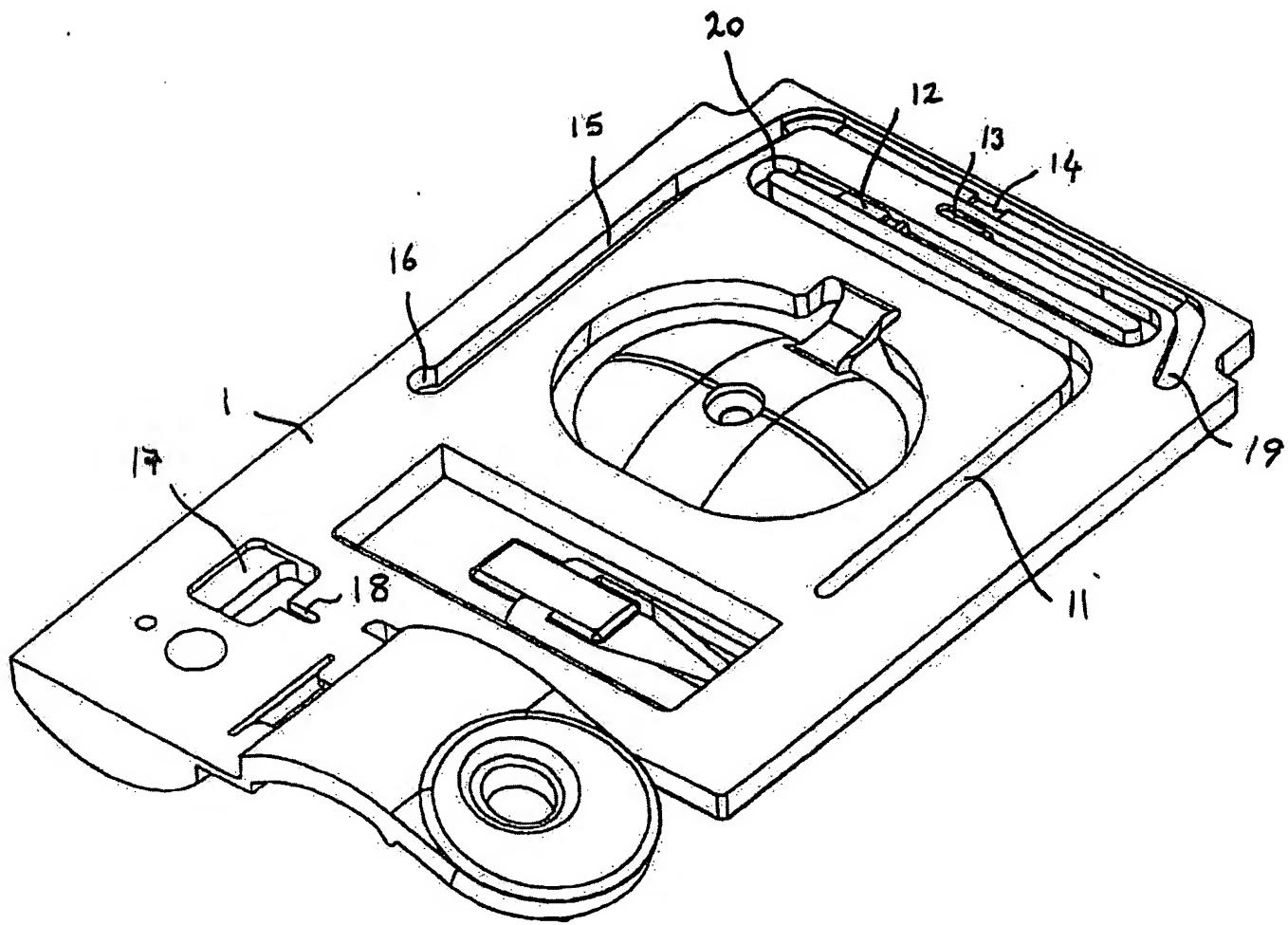


Figure 2



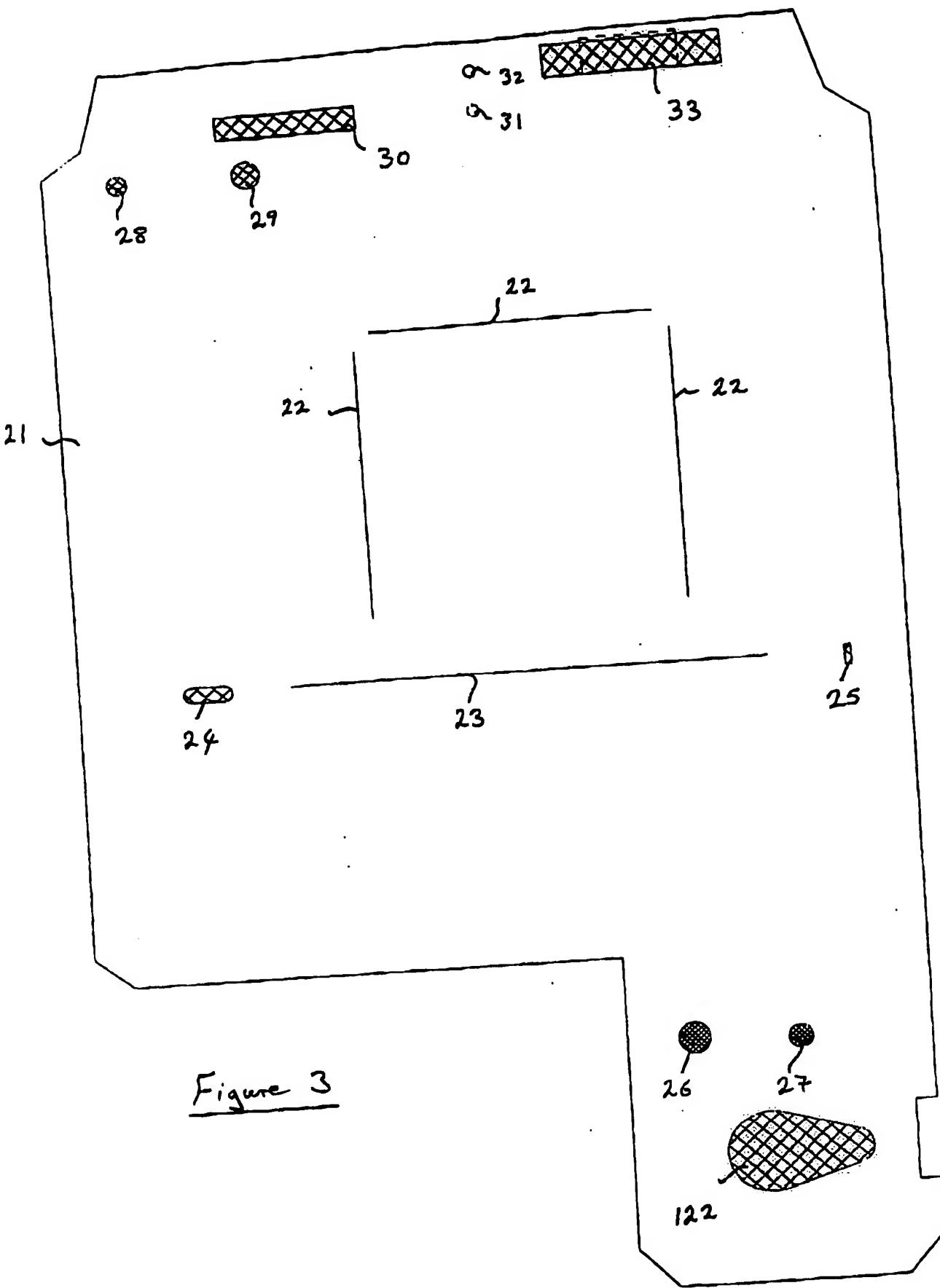


Figure 3

Figure 4

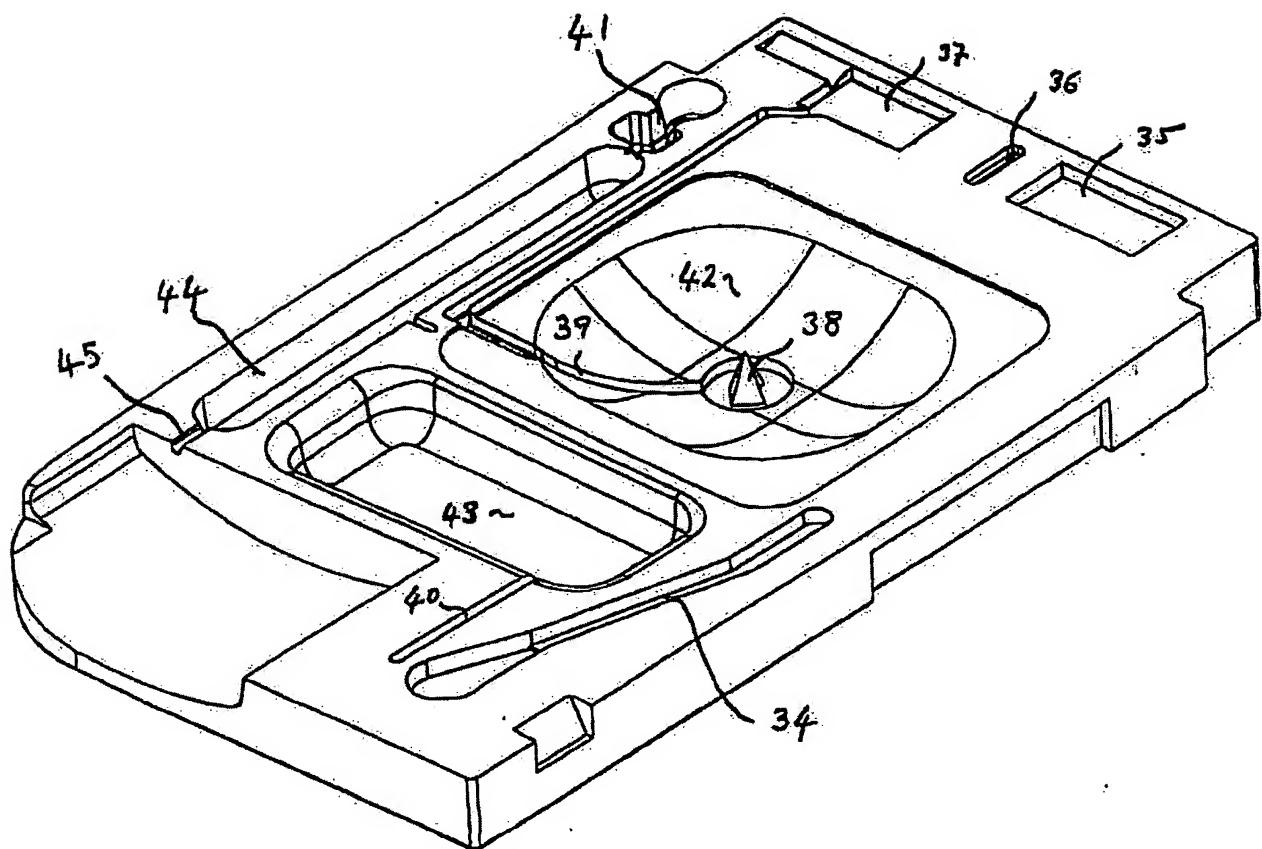


Figure 5

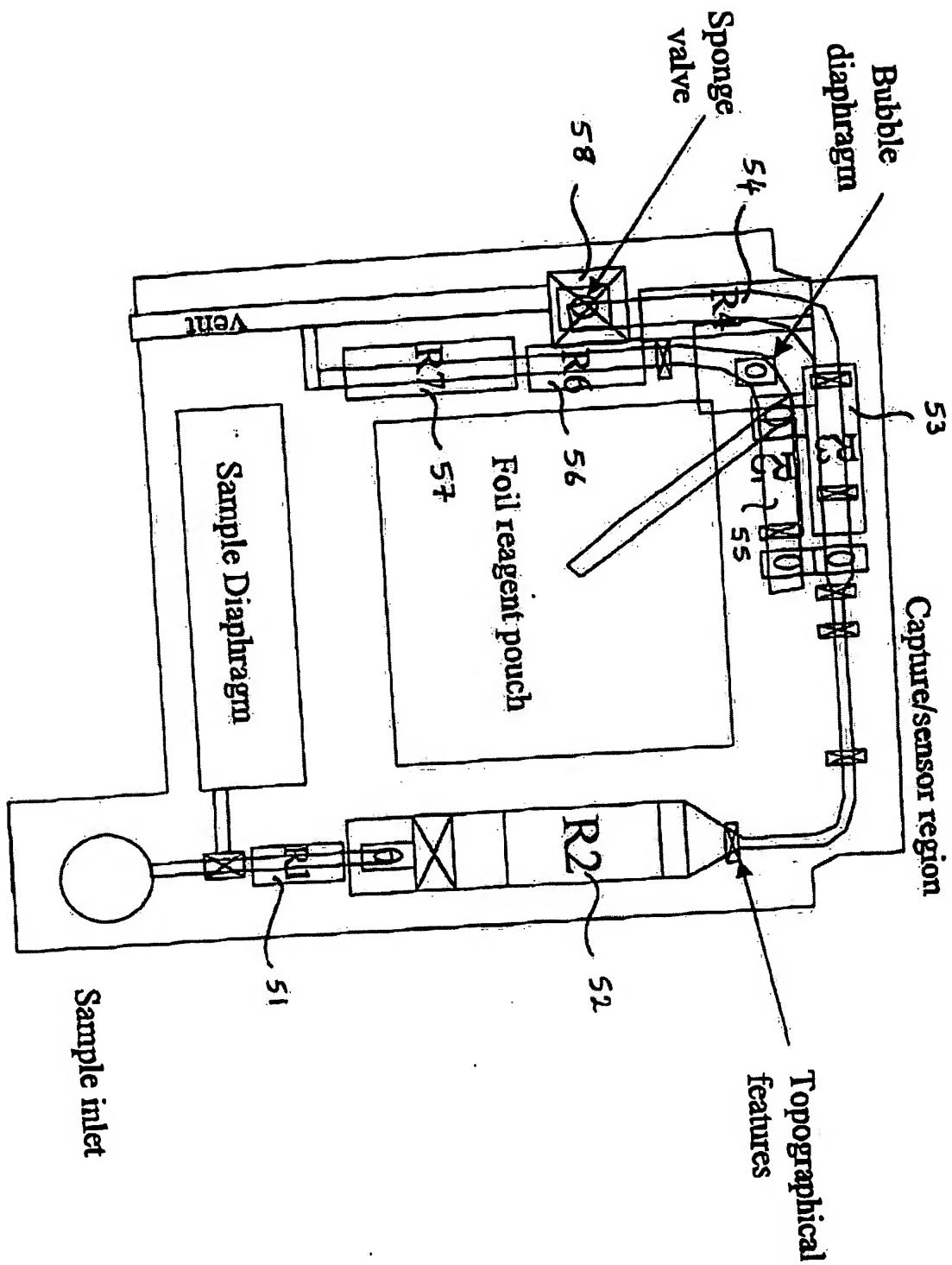


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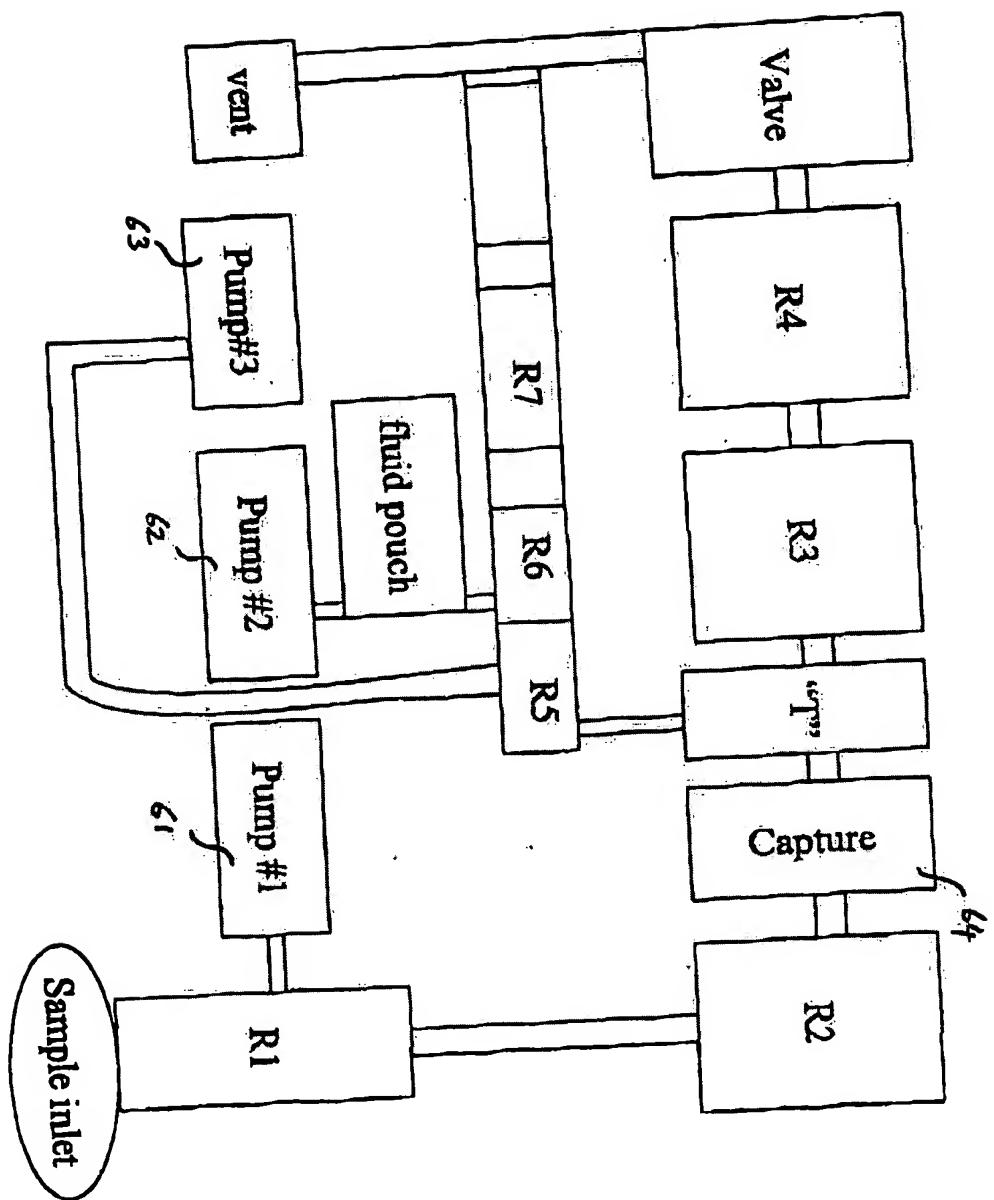
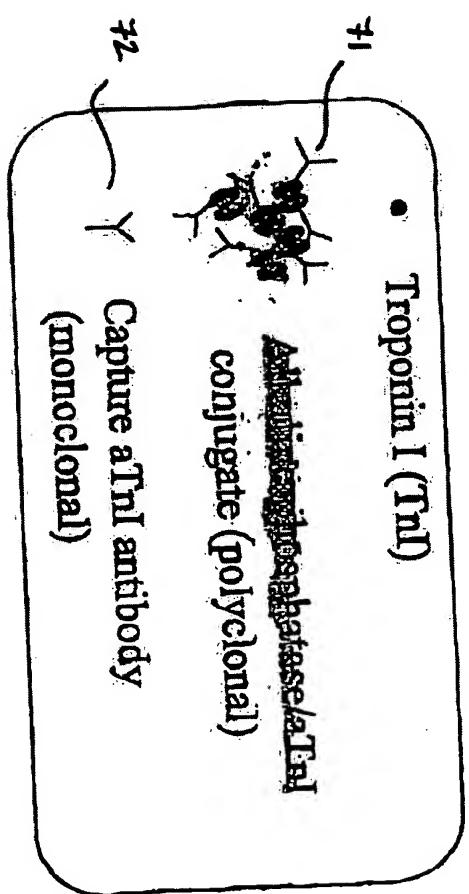


Figure 7

Simultaneous Sandwich
ELISA for Troponin I
and other Cardiac
Marker tests



1: Capture Step

70 ~
71
72

2: Wash and Analysis

73
74 Enzyme substrate
75 Enzyme product
76 Gold Electrode

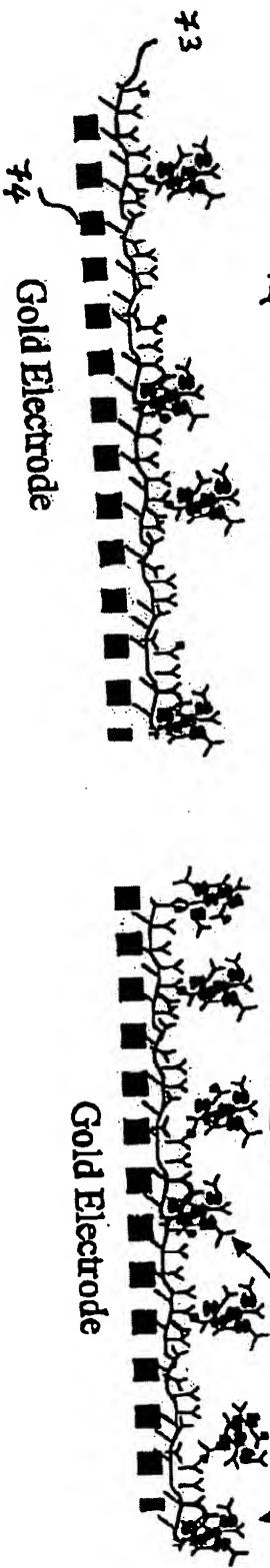


Figure 8

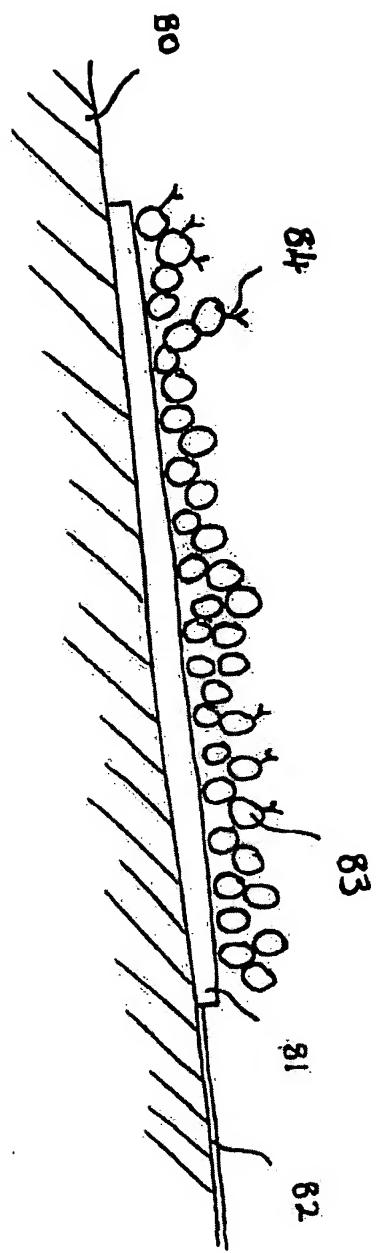


FIGURE 9

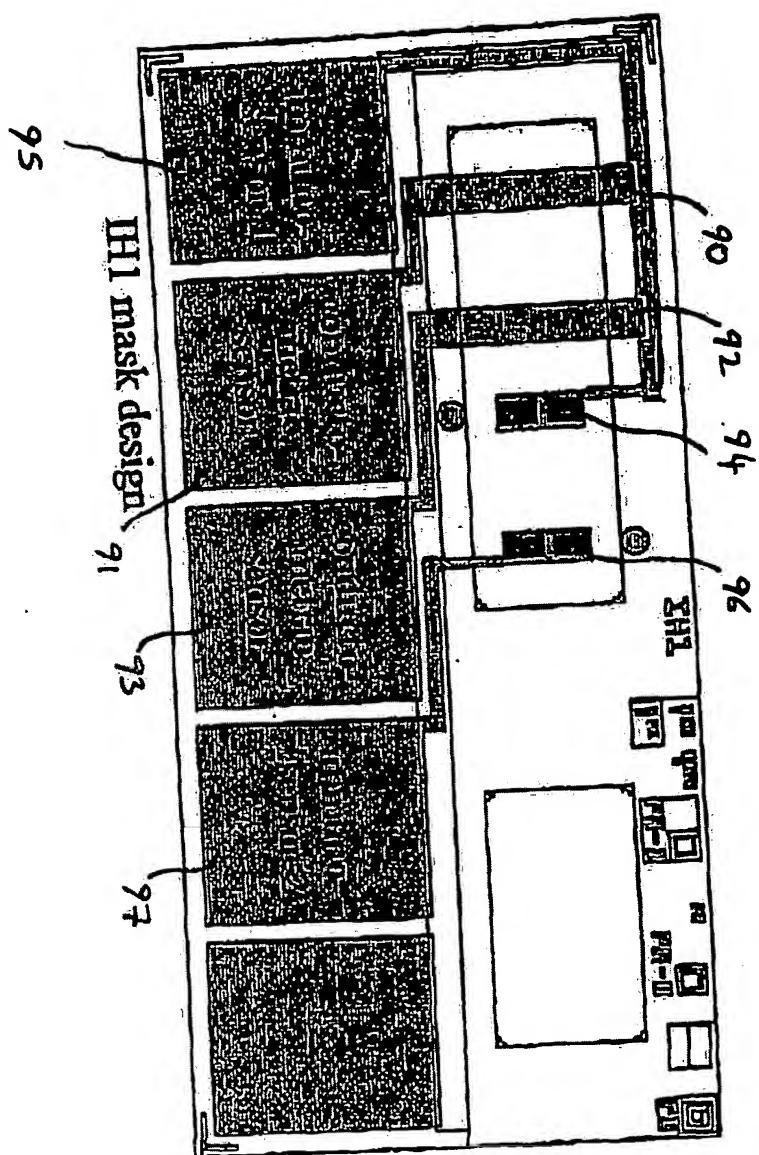


Figure 10

2 Level Precision (3 days, 2 sensor lots 8 analyzers)

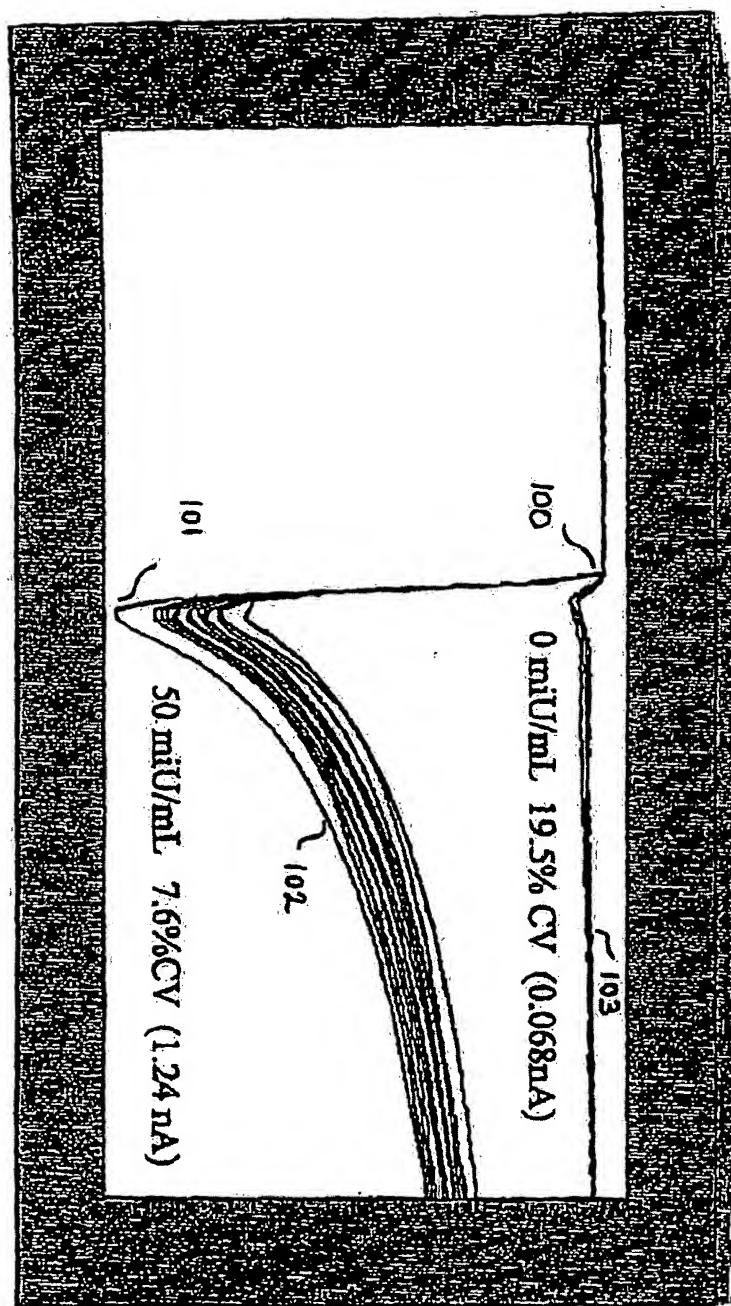


Figure 11

IH-9 HCG Dose Response

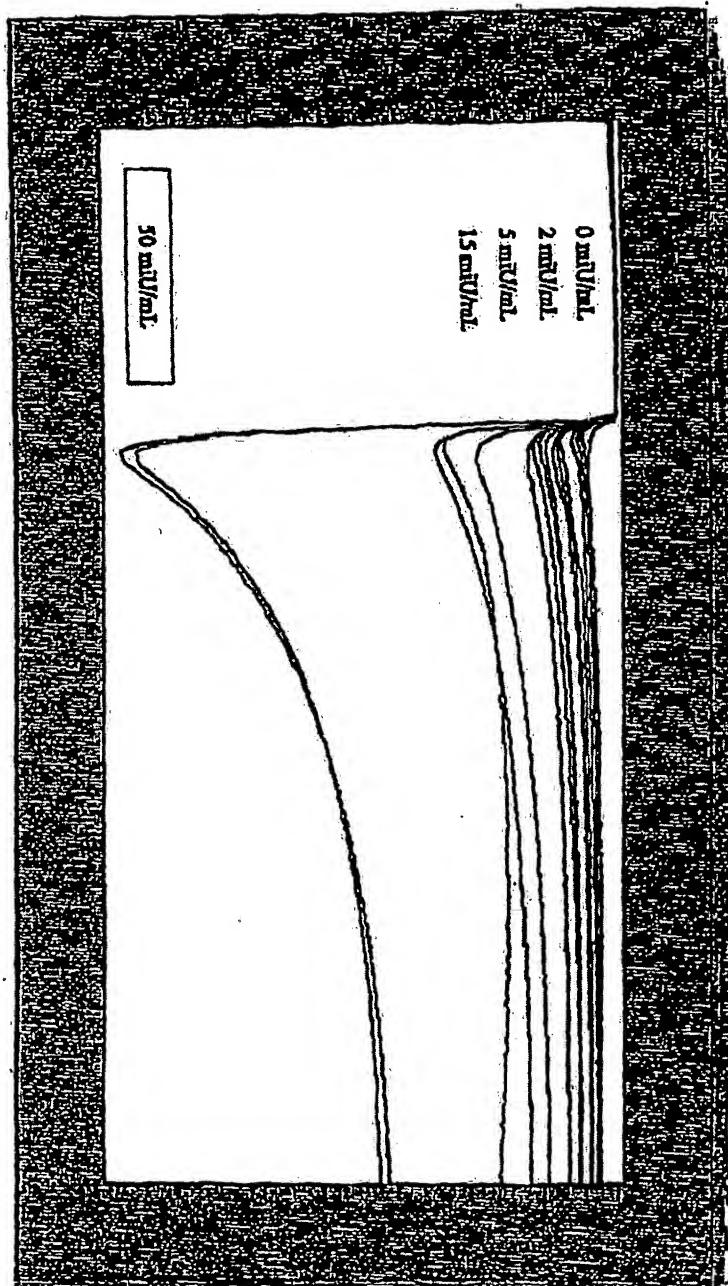
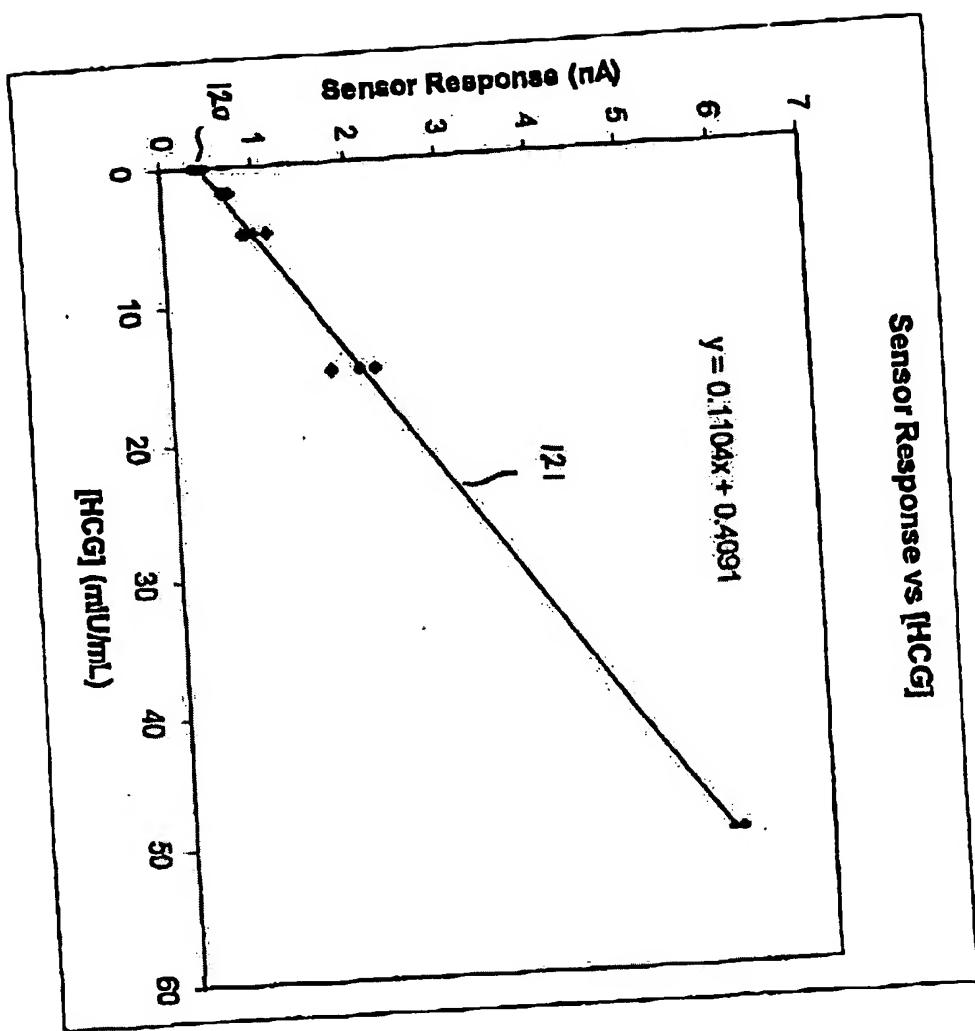


Figure 12



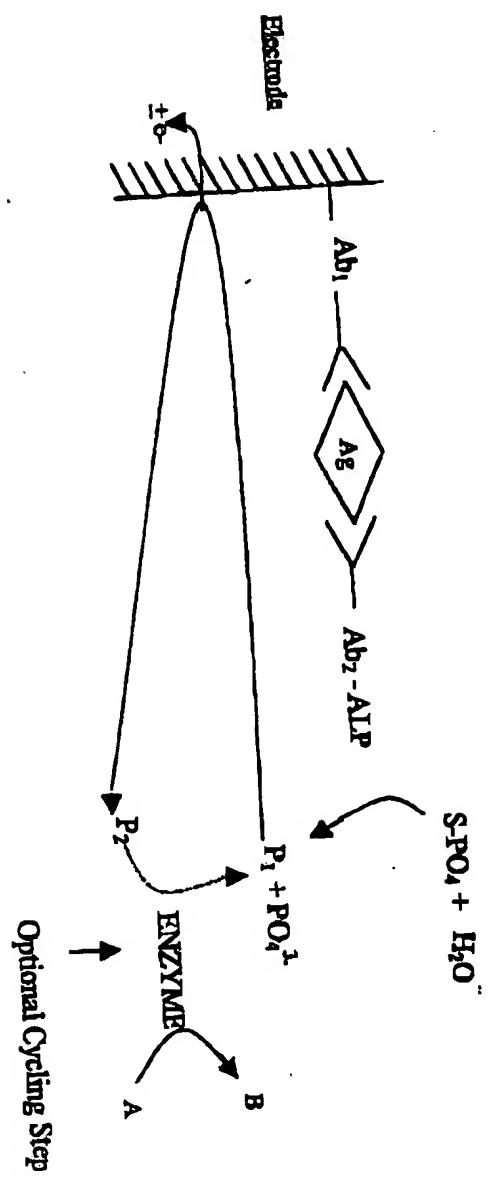
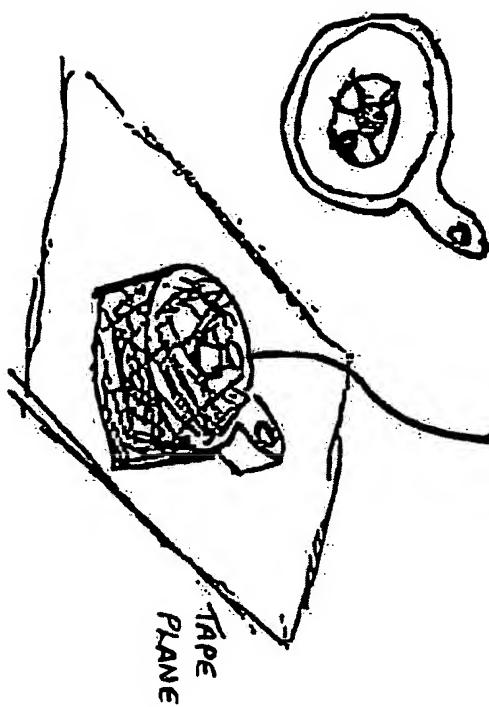


FIGURE 13

TOP VIEW

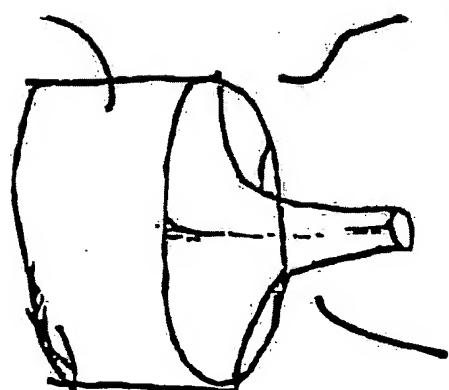
143



TAPE
PLANE

140

141



T
~0.4 mm

+
~0.8 mm

— ~2mm —

T

FIGURE 14

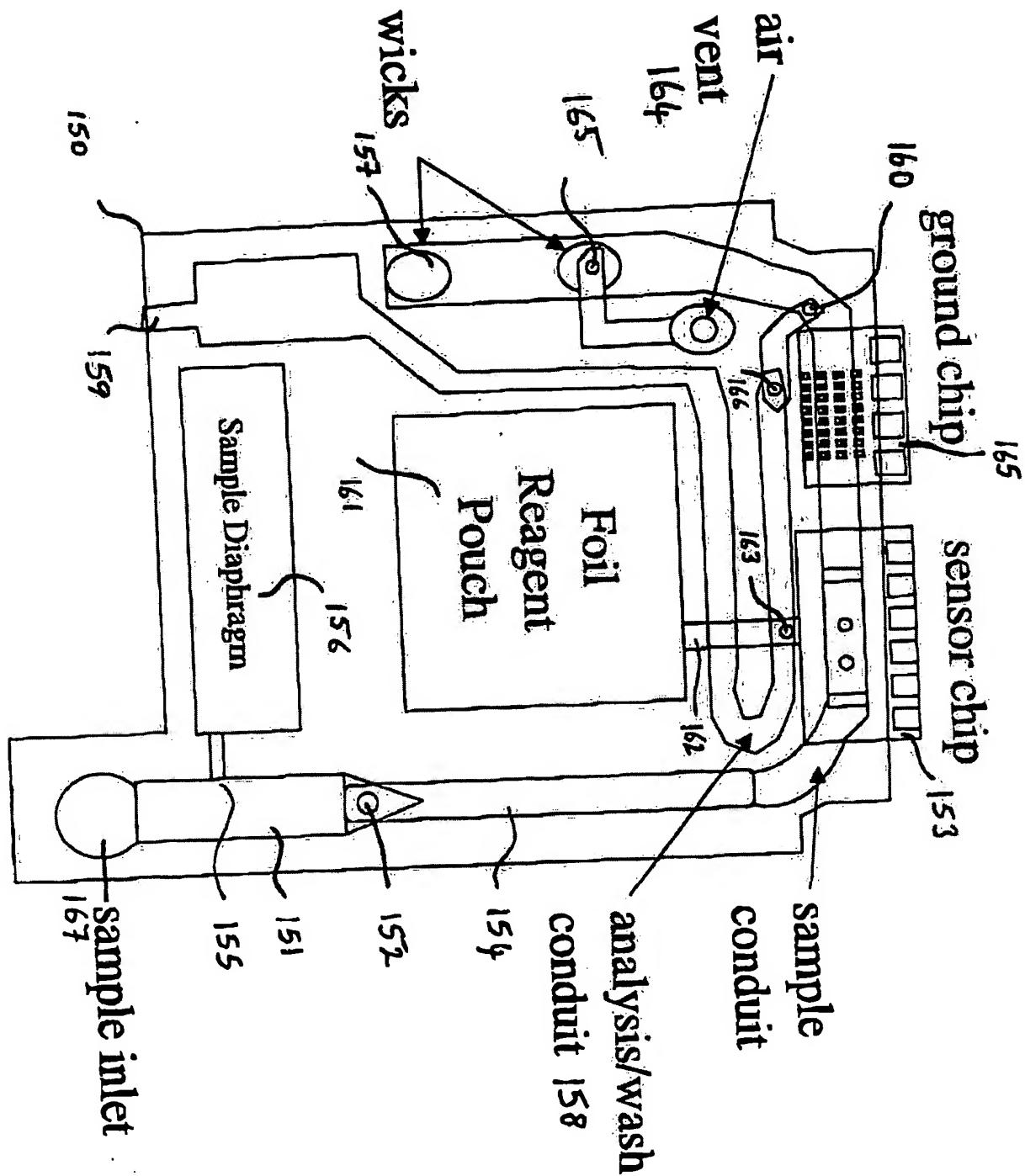


FIGURE 15

Fluidic Schematic for i-STAT immunocartridge

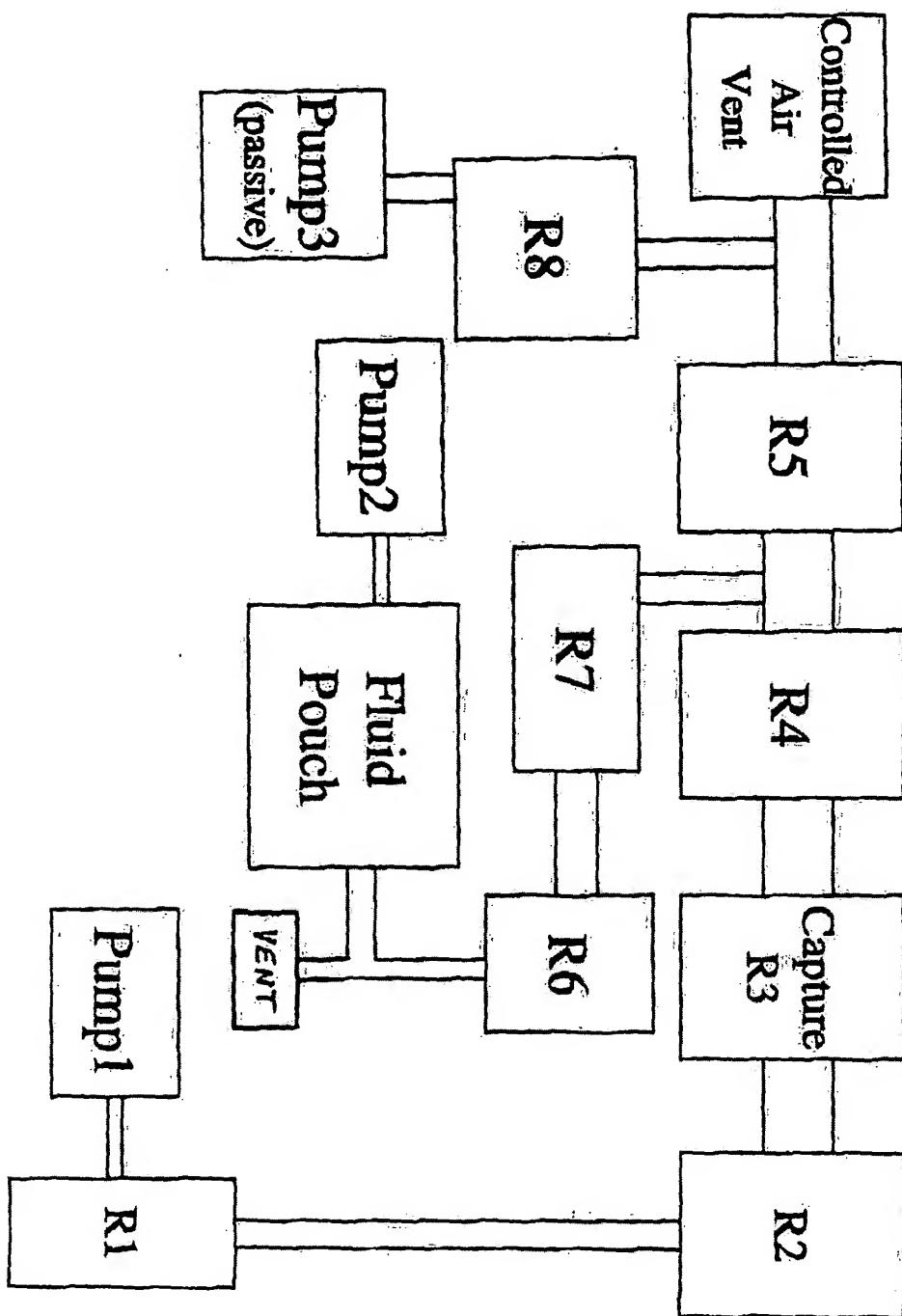


FIGURE 16

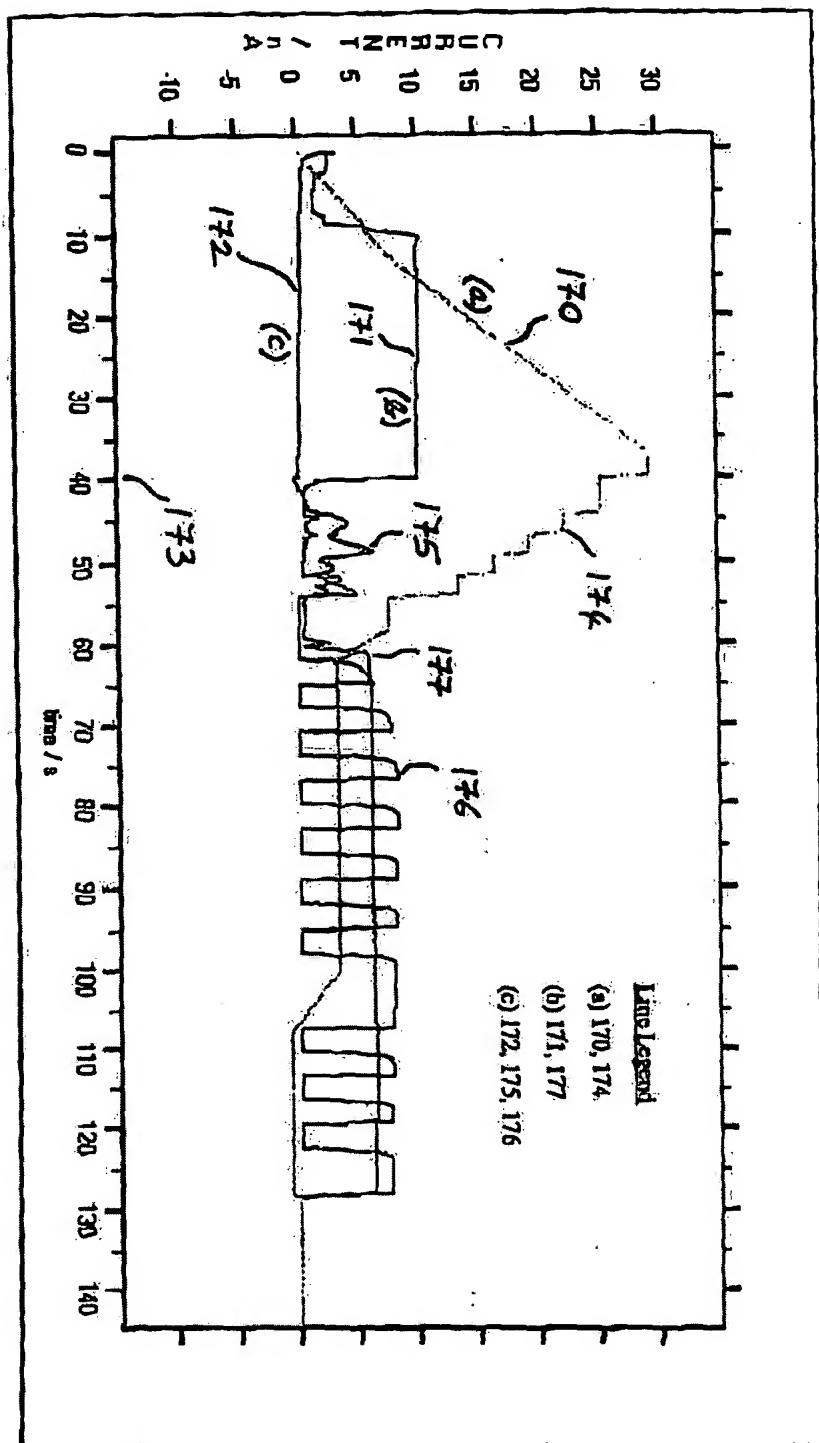


FIGURE 17

FIGURE A8.

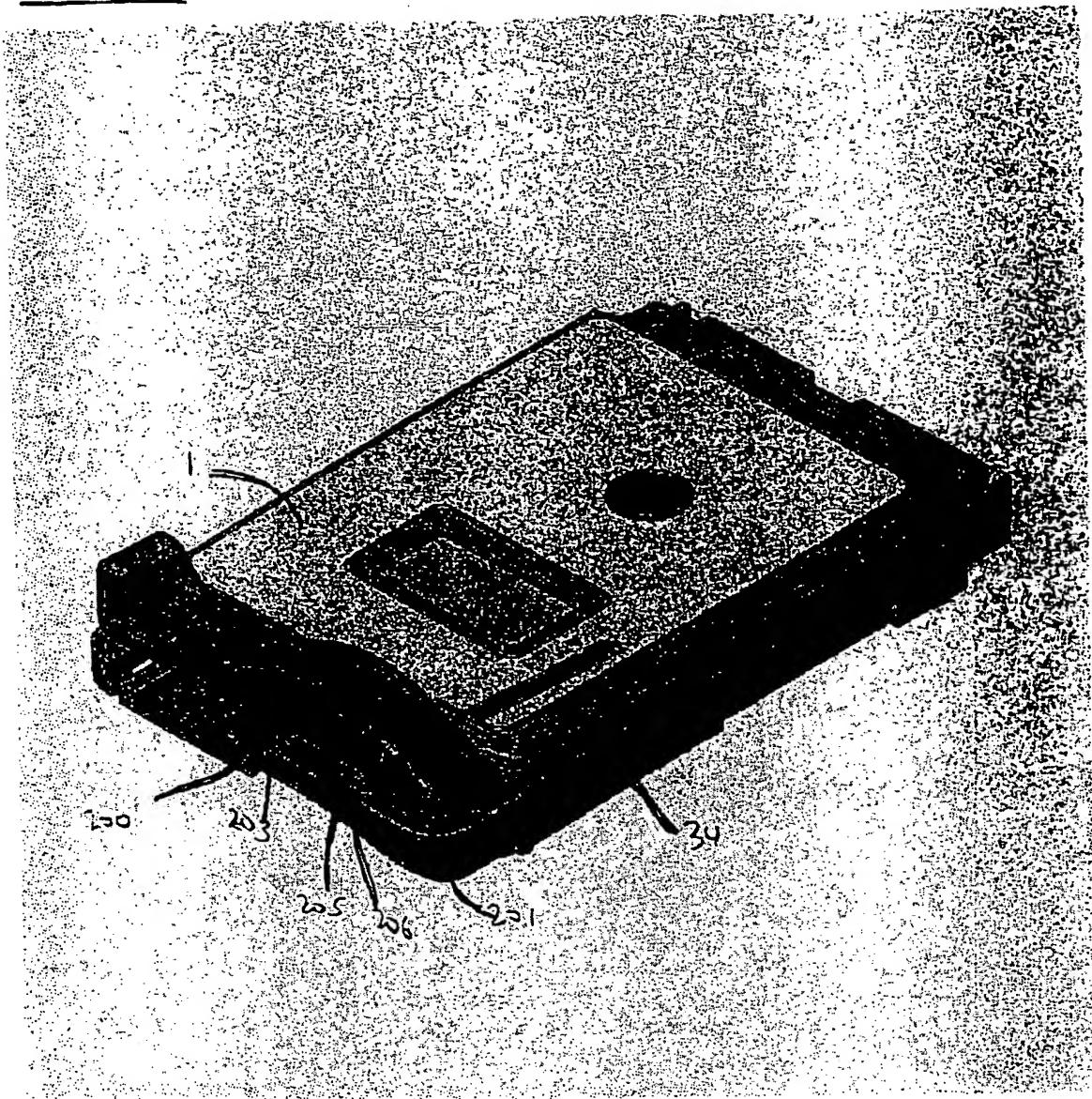


FIGURE 19.

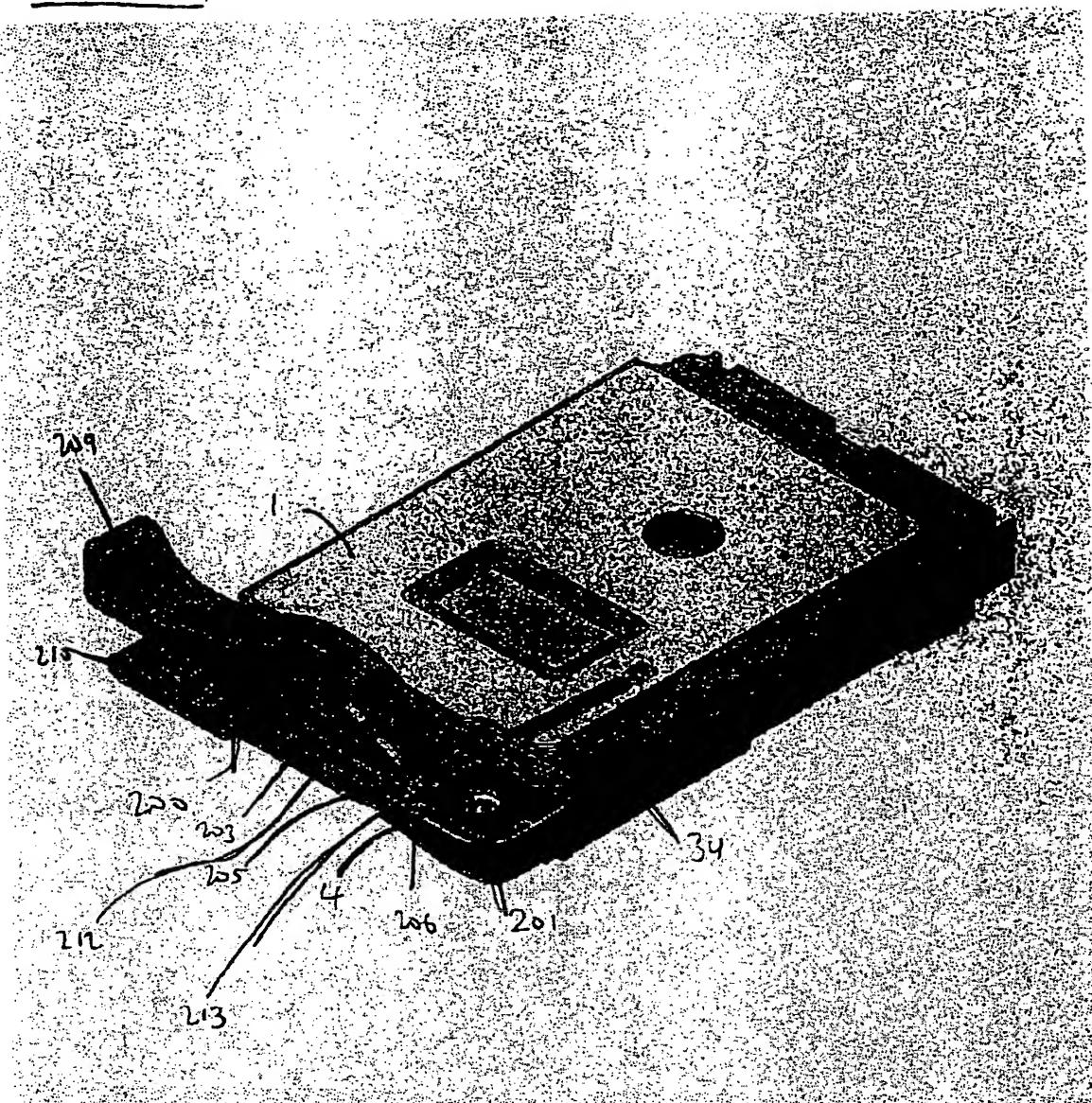


FIGURE 20

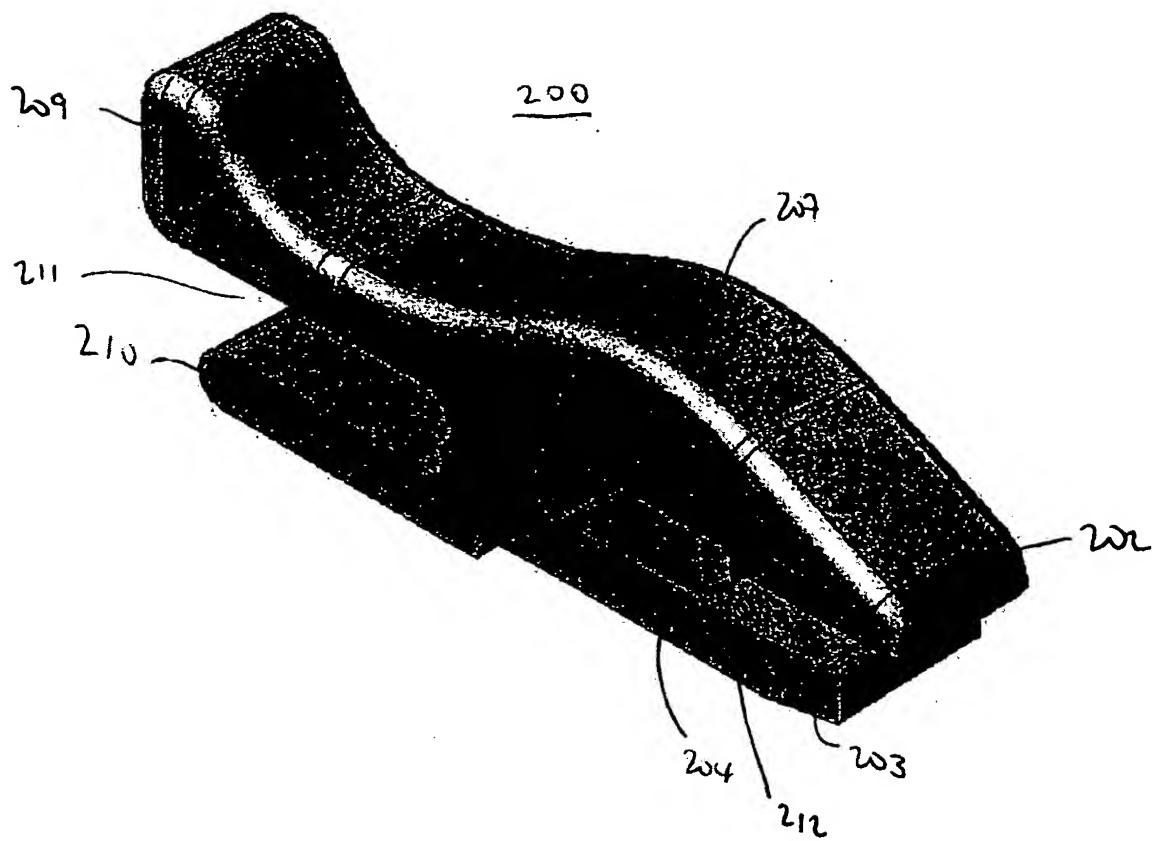
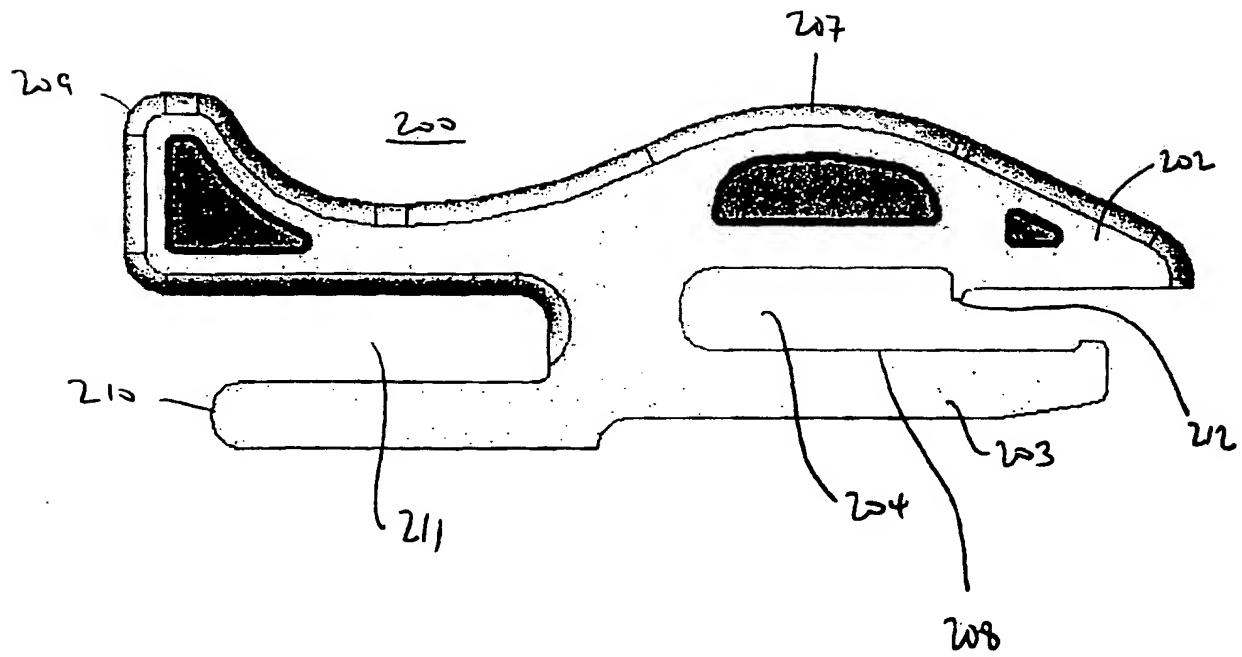


Figure 21



**Net Current As a Function of Increased Ionic Strength
High Formed Element Interference Samples Prepared From Whole Blood of 6 Donors**

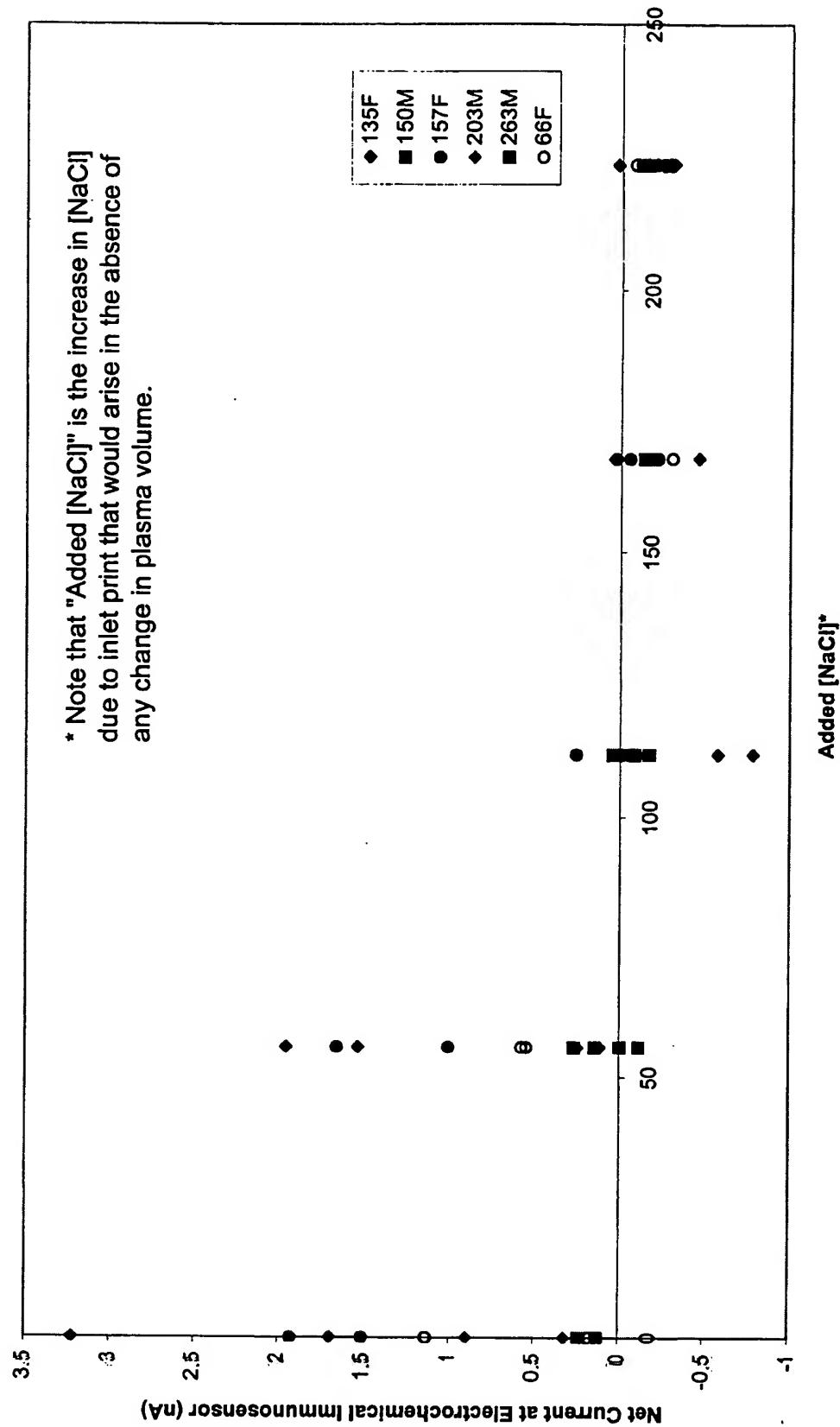


Fig. 22

Whole Blood Immunoassay

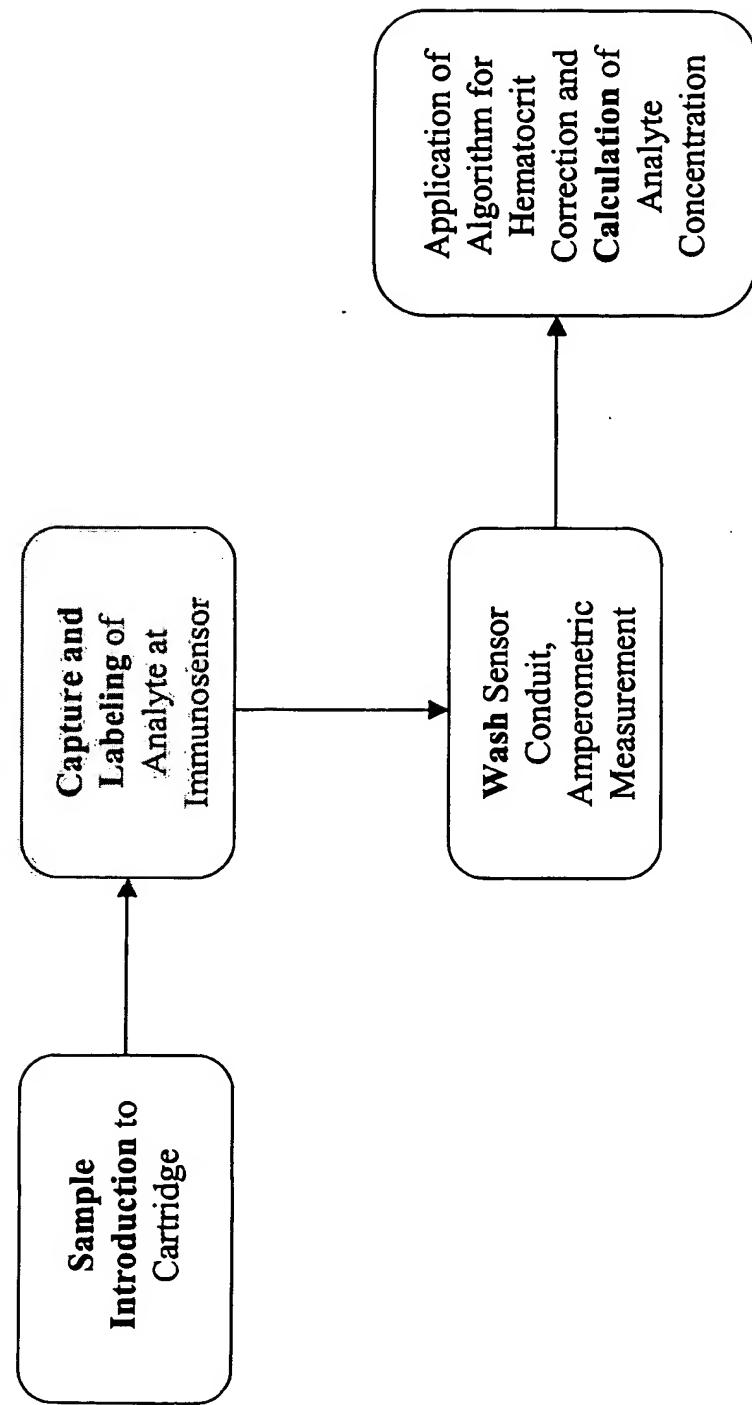


Fig. 23

Whole Blood Immunoassay

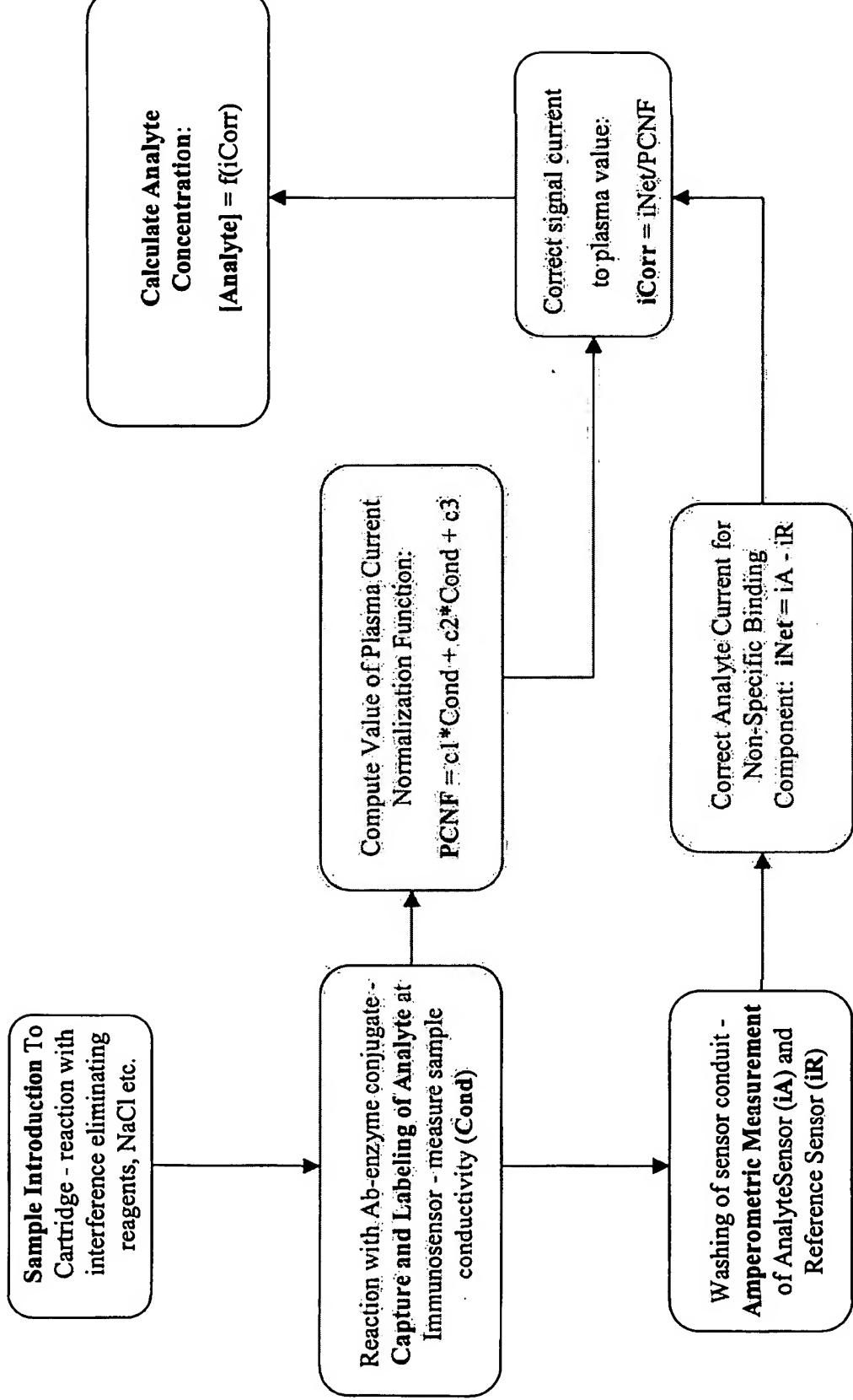


Fig. 24